

REMARKS

The Office Action dated December 20, 2004 has been fully considered by the Applicant.

Attached is a Request for Three-Month Extension of Time and a check in the amount of \$1020 for payment of the Extension.

Claims 1-15 are currently amended.

Claims 1-15 have been rejected under 35 USC 101 because the claimed invention was directed to non-statutory subject matter. Claims 1-9 have been currently amended to include a internet web browsing method. Claims 10-15 have been currently amended to include a management method for the operation of an on screen page display. Applicant sincerely believes that the currently amended claim 1-15 overcome the 101 rejection and respectfully request reconsideration of the rejection.

Claims 1-15 have been rejected under 35 USC 103(a) as being unpatentable over United States Patent No. 5,918,239 to Allen et al in view of United States Patent No. 5,778,372 to Cordell et al, both references cited by the Applicant.

Examiner Burge states that, Allen does not specifically disclose the data is being received the reformatting of the displayed web page is controlled so as to occur only after a predetermined time has elapsed since the previously web page reformat and/or after a predetermined event has occurred. However, Cordell mentions the web page event occurring during a certain time period (Cordell Col 13, Lines 24-40). It would have been obvious to one of ordinary skill in the art to apply Cordell to Allen, providing Allen the benefit of displaying the web page during a certain elapsed time the insure a correct and transformation as well as quick transformation.

The '372 patent to Cordell et al utilizes time completely different from Applicant's invention. Applicant's invention utilizes time to delay the reformatting of the web page. The '372

Cordell et al patent utilizes time in setting up and maintaining communication links to receive a web page.

Applicant's invention is directed toward an internet web browsing method including as a part thereof the step wherein when the data is being received, reformatting of the displayed web page is controlled to occur only after a predetermined time has elapsed since the previous web page reformat and/or after a predetermined event has occurred. In contrast, the '372 patent to Cordell et al is directed to a method of remotely browsing an electronic document wherein time delays and decisions based on historical timings are with reference to managing connections or communications links to the web page server using a persistent connection which can be used to retrieve multiple resources in serial succession. The browser of the '372 et al patent evaluates whether the expected time remaining to complete receiving the first resource would exceed the expected time needed to create an additional persistent connection to the site. (Col 13, Lines 24-40) The '372 patent utilizes time completely different from Applicant's invention. Applicant's invention utilizes time to delay the reformatting of the web page and not, as indicated above, to setting up communication links to receive the contents of the web page. Therefore, Applicant believes the currently amended claims 1-15 are patentable over the '239 Allen et al patent in view of the '372 Cordell et al patent and respectfully request reconsideration of the rejection.

The '239 Allen et al patent is directed toward a method of deferred page presentation requiring direct user interaction to proceed with viewing the deferred page. The method is directed toward pre-caching web pages such that the display of the web page will be quick due to the reduced download time. In more detail, Allen's solution to a web-browser user being precluded from i) requesting a further/alternative web-link or ii) continuing to view a presently rendered web page

when a request has been made for a new page, is to concurrently load the new page, but not present it to the user until the user is informed it is available to view and requests to view it. During this period the user is then able to continue to view the current page or select a further different page (which cancels the previous request and starts a new background load of the further different page).

The '372 Cordell et al patent discloses improvements to overcome the latency in transmitting and rendering images within web pages which delays the presentation of the information to the user. More specifically, Cordell et al teaches (i) rendering a web page prior to completing the reception of a background image (as opposed to deferring the page presentation until the background image has been obtained, which is known art); (ii) prioritizing the request of images to those that are within the current viewable area of the page; and (iii) deciding whether to reuse or request a new communication link to the server, based on an analysis of historical responsiveness.

Applicant's invention incorporates a predetermined time delay to delay automatic reformatting of the web page, and the highest point in the web page that would be affected by a reformat is tracked and only that part of the page affected is reformatted after the time delay.

The '239 Allen et al patent addresses the problem of responsiveness when navigating between different web pages. In contrast, Applicant's invention is addressed to a single page rather than navigating between pages. In addition, The '239 Allen et al method requires user interaction, whereas the method of Applicant's invention is automatic in that it uses a predetermined time delay (or predetermined quantity of data). For these reasons, it is believed that Applicant's invention is thus novel and inventive over the cited references

The '372 patent to Cordell et al also aims to address the problem of improving the perceived rendering of a web page, which it does by prioritizing the requests for components of the page (pre-

emptive rendering without background and prioritized requests for viewable images). However, the '372 Cordell et al patent discloses that after each image is received (in the visible portion) the document is redrawn, i.e. reformatted (for example Fig 4B). This teaches away from the present invention which, in contrast, discloses a method wherein the reformatting of the displayed web page is controlled so as to occur only after a predetermined time has elapsed or after a predetermined event has occurred. By deliberately delaying or deferring the reformatting, the partially rendered page is to be displayed for a useful period of time for the user. The '372 Cordell et al patent would actually cause many multiple reformats of the viewable page in an even shorter period, effectively teaching the opposite effect of the present invention. The present invention is thus novel and inventive over the '372 Cordell et al patent..

Cordell's references to time delays and decisions based on historical timings are related to setting up communications links to the web page server, and are not related to deferred reformatting. Cordell's method is again related to expediting the transfer of data to the web browser to reduce the time taken to render the page, thereby causing further reformats in a shorter space of time, which as noted above is in contrast to the present invention. The time related teachings of the '372 Cordell et al patent do not combine with the 239 Allen et al patent to teach the present invention, which is thus novel and inventive. Therefore, Applicant respectfully requests reconsideration of the rejection.

It is believed that the foregoing is fully responsive to the outstanding Office Action. It is submitted that the application is now in condition for allowance and such action is earnestly solicited. If, for any reason, the claims are not in condition for allowance it is because of a mistake or a misunderstanding of the Office Action and, in such case, Examiner Blair is invited to call the undersigned at (918) 587-2000 so that any remaining amendments to place the

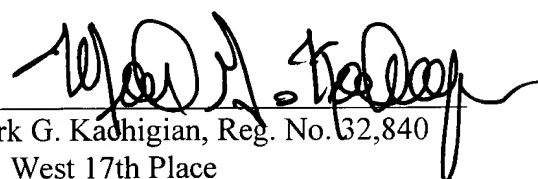
application in condition for allowance can hopefully be achieved in a telephone interview. If any additional fees are associated with this action, please charge deposit Account No. 08-1500.

Respectfully Submitted

HEAD, JOHNSON & KACHIGIAN

Dated: 20 June 2005

Customer No. 24,118
Phone No. 918-587-2000

By: 
Mark G. Kachigian, Reg. No. 32,840
228 West 17th Place
Tulsa, Oklahoma 74119
Attorneys for Applicant